

ABSTRACT

A wet gas purification method is provided for removing ammonia
5 from a heavy oil gasification gas, such as coal. The method
principally involves a washing step during which absorbent is
charged into the gas to absorb ammonia and an ammonia treating
step wherein absorbent discharged from the washing step is
separated into an effluent and an off-gas containing ammonia.
10 The amount of absorbent charged during the washing step is
controlled such that the ammonia concentration of gas exiting
the washing step is 10ppm or less.